Index of Claims



Application/Control No.

09/727,290

Examiner

Abbas I. Abdulselam

Applicant(s)/Patent under Reexamination

**GOODWIN ET AL.** 

Art Unit

2677

✓ Rejected= Allowed

(Through numeral)
Cancelled

Restricted

Non-Elected

Interference

A Appeal
O Objected

| Cli          | aim      | <u>.</u>   |                 |          | D              | ate      |              |  | 9        | _[      | Cla           | im           |                           | Date          |                                   |               | 4             | Cla    | aim        |                | ·       | - 1  | Date      | e               |          |                    |           |
|--------------|----------|------------|-----------------|----------|----------------|----------|--------------|--|----------|---------|---------------|--------------|---------------------------|---------------|-----------------------------------|---------------|---------------|--------|------------|----------------|---------|--|-----------|-----------------|----------|--------------------|-----------|
| l _          | ल        | 0          | 1               |          |                |          |              |  |          | 100     | _             | <del>-</del> |                           |               |                                   |               |               |        | a          |                |         |  |           |                 |          |                    |           |
| Final        | gi       | 7          |                 |          |                | 1        |              | 1 1  |          |         | Final         | gin          |                           |               |                                   |               |               | Final  | gin        |                |         | 1  |           |                 |          |                    | ı         |
| ш.           | Original | <b> </b> ~ |                 |          | - 1            |          |              |  | 1        | 9       | ᄪᅵ            | Original     |                           |               |                                   |               |               | ΙŒ     | Original   |                |         |  |           |                 |          |                    |           |
| -            | 1        | À          | ┰               | <b>-</b> |                |          | -            | + $+$  | -        | -       |               | 51           | +++                       |               | -                                 | $\vdash$      |               | -      |            | $\vdash$       | - -     | -  | -         | Н               | _        | +                  | -         |
|              | 2        | 11         |                 |          | $\dashv$       | $\dashv$ | +            | +  |          | 1       |               | 52           | +                         | $\dashv$      | ┵                                 | -             |               |        | 101<br>102 | $\vdash$       | +       | +  |           | H               | -        | +                  | $\dashv$  |
|              | 3        | Н          |                 | $\vdash$ | +              | $\dashv$ | +            | +  |          |         | $\overline{}$ | 53           | +++                       | $\dashv$      |                                   |               | 3             |        | 103        | -              | +       | +-   | ₩         | Н               |          | +                  | _         |
|              | 4        | 1          |                 | Ħ        | +              | $\top$   | +-           | +  |          | -       |               | 54           |                           | 1             | +                                 |               | 2.0           |        | 104        | -              | +       | +  | H         | H               |          | +                  | $\dashv$  |
|              | 5        | 4          | T-              | П        | _              |          | $\top$       | $\top$   | 7        |         |               | 55           |                           | $\dashv$      |                                   |               | 4             |        | 105        | +              |         | 1  |           | H               |          | $\forall$          | ╛         |
|              | 6        |            |                 |          | T              |          |              | $\Box$   |          | 1[      |               | 56           |                           |               |                                   |               |               |        | 106        |                | 1       | 1  | Г         | П               | $\neg$   | 十                  | 7         |
|              | 7        | M          |                 |          |                |          | $\perp$      |  |          | Æ.      |               | 57           |                           |               |                                   |               |               |        | 107        |                |         |  |           |                 |          |                    |           |
|              | 8        | V          |                 | $\Box$   | _              | $\perp$  | $\perp$      | $\perp$  | _        |         |               | 58           |                           | _[]           |                                   |               | 5.0           |        | 108        |                |         |  |           |                 |          |                    |           |
| <u> </u>     | 9        | _          | Ш               |          | 4              | _        | $\perp$      | $\perp$  | _        | -       |               | 59           |                           |               |                                   |               | 41.1          |        | 109        | _              |         | _  |           | Щ               | _        | $\dashv$           |           |
| <b> </b>     | 10       | ├          | Н               | $\dashv$ | -              | +        | +            | ++   | 45       | #. -    |               | 60           |                           | $\dashv$      |                                   | $\perp$       |               |        | 110        | $\perp$        | $\perp$ | _  |           | Ш               | $\dashv$ | 4                  | _         |
| <del> </del> | 11       | _          | Н               | -        | -+             | -        | +            | ++   | $\dashv$ | -       |               | 61<br>62     |                           |               | -                                 | $\vdash$      |               |        | 111        | $\perp$        | +       | ┼  | $\vdash$  | Н               | $\dashv$ | $\dashv$           | 4         |
|              | 13       | -          | $\vdash$        | -        | +              | +        | +            | + +  | -        | -       | $\dashv$      | 63           | <del>- - - </del>         | -++           | +                                 |               |               |        | 112<br>113 | -              | +       | +  | $\vdash$  | $\vdash \vdash$ | $\dashv$ | $\dashv$           | 긕         |
|              | 14       | -          | Н               | $\dashv$ | +              | -        | +            | +  | -11      | ıŀ      |               | 64           | ++-                       |               | +                                 |               |               |        | 114        | +              | +       | +  |           | $\vdash$        | $\dashv$ | +                  | $\dashv$  |
|              | 15       | <u> </u>   | $\Box$          | $\dashv$ | $\dashv$       | +        | $\top$       | <del>     </del>                                 |          | 1       | $\neg$        | 65           |                           | +             | +                                 |               |               |        | 115        | $\vdash$       | +       | +  | H         | H               | $\dashv$ | +                  | $\dashv$  |
|              | 16       |            | П               | $\Box$   | $\dashv$       | $\top$   | 1            | 11   |          |         |               | 66           |                           | 11            | $\top$                            |               | 14            |        | 116        | $\dashv$       | +       | $\vdash$   |           | H               | -        | +                  | ㅓ         |
|              | 17       |            | П               |          | 十              |          | Ť            | 1-1  |          |         | - 1           | 67           |                           | $\dashv$      |                                   |               |               |        | 117        | $\dashv$       | +       | 1  |           |                 | 寸        | +                  | ᅱ         |
|              | 18       | Γ          |                 |          |                |          |              | 1 1  |          |         | 1             | 68           |                           | 14            | $\neg \neg$                       |               | 41            |        | 118        |                | $\top$  | T  |           | $  \neg  $      | _        | 十                  | ㅓ         |
|              | 19       |            |                 |          |                |          | $oxed{\Box}$ |  |          |         |               | 69           |                           |               |                                   |               |               |        | 119        |                | I       |  |           |                 |          | 丁                  | J         |
|              | 20       |            | Ш               |          |                |          |              |  | _        |         |               | 70           |                           |               |                                   |               | 1             |        | 120        |                |         |  |           |                 |          | I                  |           |
|              | 21       |            | Ш               |          | $\perp$        | _        | $\perp$      | $\downarrow \downarrow$                          | _        | L       |               | 71           | -                         | $\Box$        | ot                                |               |               |        | 121        |                | L       |  |           |                 |          | $\Box$             |           |
|              | 22       | <u> </u>   | Ш               | _        | $\perp$        |          | 4_           | $\perp$  | _        | L       |               | 72           | $\bot$                    |               |                                   | $\perp$       |               |        | 122        |                |         | ļ.   |           |                 |          | $\dashv$           |           |
|              | 23       | ├-         | Н               | _        | +              |          | +            | +  | -        | <u></u> |               | 73           | +                         | $\dashv$      |                                   | _             |               |        | 123        | _              | $\bot$  | $\perp$  | _         | _               | 4        | $\dashv$           | _         |
|              | 24<br>25 | -          |                 | $\dashv$ | +              | +        | +-           | +  | -1       | 2 -     | -             | 74<br>75     | +                         | $\dashv$      |                                   |               |               |        | 124        |                | +       | -  | _         | $\vdash$        | $\dashv$ | +                  | _         |
| _            | 26       |            | H               | +        | -+             | $\dashv$ | +            | +  | -        | -       |               | 76           | <del>- - - </del>         |               | +                                 |               |               |        | 125<br>126 | +              | +-      | +  |           |                 | $\dashv$ | +                  | $\dashv$  |
|              | 27       |            | H               | -+       |                |          | +            | +  | -1       | -       | $\overline{}$ | 77           | <del>         </del>      |               | +                                 | -             |               |        | 127        | +              | +-      | +-   | H         | $\vdash$        | $\dashv$ | +                  | ᅥ         |
|              | 28       |            |                 | +        | +              | +        | +            | ++   | -        | -       |               | 78           |                           | ++            | +                                 | +             |               |        | 128        | +              | ╁       | ╅  |           | H               | $\dashv$ | +                  | ᅱ         |
|              | 29       |            | Н               | 寸        | ╁              | 十        | +            | 11   |          | -       |               | 79           |                           | $\dashv$      | $\dashv$                          | +             |               |        | 129        | $\dashv$       | +       | +  | _         | $\vdash$        |          | +                  | $\dashv$  |
|              | 30       |            | П               |          |                | 1        | $\top$       | $\Box$   |          | Ī       |               | 80           |                           |               | $\dashv$                          |               |               |        | 130        | $\dashv$       | +       | +-   | _         |                 | $\dashv$ | 十                  | ᅥ         |
|              | 31       |            |                 |          |                |          |              | TT   |          |         |               | 81           |                           |               | $\top$                            |               | 3.6           |        | 131        |                |         | 1  |           | $\Box$          | 寸        | 十                  | ヿ         |
|              | 32       | $\Box$     |                 | $\bot$   |                |          | $\perp$      |  |          |         |               | 82           |                           |               |                                   |               |               |        | 132        |                |         |  |           |                 |          |                    |           |
|              | 33       | _          | Ш               |          |                |          | <u> </u>     | $\bot \bot$                                      |          |         |               | 83           |                           |               |                                   | $\Box\Box$    |               |        | 133        | $\perp \Gamma$ |         |  |           |                 |          | $oldsymbol{\perp}$ |           |
| <u> </u>     | 34       | _          | $\sqcup$        |          | _              |          | $\perp$      | $\downarrow \downarrow$                          | _        | il-     |               | 84           | -                         |               | $\perp \!\!\! \perp \!\!\! \perp$ |               | 73            |        | 134        | $\perp$        | 1       | $oxed{oxed}$                                     | $\square$ | Ш               |          | $\perp$            | $\Box$    |
| <u> </u>     | 35       | _          | dash            |          |                | -        | +            | ++   | - 8      | 1       |               | 85           |                           |               | $\dashv$                          |               | 187)<br>1747  |        | 135        |                | 4-      | <del>                                     </del> |           | $\sqcup$        | $\dashv$ | $\dashv$           | ᅴ         |
| <u> </u>     | 36<br>37 | $\vdash$   | $\vdash \vdash$ | -        |                | +        | +            | ++   | -        |         |               | 86           |                           | $\dashv$      |                                   |               | 200           |        | 136        | _              | +       | -  | _         |                 | $\dashv$ | +                  | ᅴ         |
|              | 38       | -          | $\vdash$        | $\dashv$ | +              | +        | +-           | ++   | $\dashv$ |         | $\dashv$      | 87<br>88     |                           | +             | +                                 |               |               |        | 137        | -              | +-      | $\vdash$   | $\Box$    | $\sqcup$        | -+       | +                  | 닉         |
|              | 39       | ┝          | $\vdash$        | -+       | +              | +        | +            | ++   | $\dashv$ | F       | $\dashv$      | 89           |                           | $\dashv$      | +                                 | +-            | 10            | -      | 138        | -              | ╫       | $\vdash$   |           | $\vdash$        | $\dashv$ | +                  | ᅱ         |
|              | 40       | -          | $\vdash$        | +        | +              | +        | +            | ┿╃   | $\dashv$ | -       | +             | 90           | <del>- - - </del>         | +             | +                                 | -             | * 1           |        | 140        | $\dashv$       | +       | $\vdash$   |           | $\vdash \vdash$ | +        | +                  | $\dashv$  |
|              | 41       |            | $\vdash \vdash$ | -+       | $\dashv$       | +        | +            | ++   | -        | +       |               | 91           | + + +                     | $\dashv$      | +                                 | +             | 0 H           |        | 141        | $\dashv$       | +       | $\vdash$   | $\dashv$  | $\dashv$        | -        | +                  | $\dashv$  |
|              | 42       |            | $\vdash$        | $\dashv$ |                | +        | $\top$       | ++   | - 10     | ŀ       |               | 92           | 111                       | +             | +-                                |               | 5, 4<br>4, 4  |        | 142        |                | +       | H  |           | $\vdash$        | $\dashv$ | +                  | $\dashv$  |
|              | 43       |            | $\Box$          |          | T              | 1        | T            | 11   | - 1      |         | 1             | 93           |                           | 十十            |                                   | 1             | 13.45<br>2.41 |        | 143        | $\top$         | T       | $\vdash$   | $\neg$    | $\dashv$        | +        | o                  | ┨         |
|              | 44       |            |                 |          | T              |          |              |  |          |         |               | 94           |                           | $\top$        | 77                                |               | 1.6           |        | 144        | 1              | †       | П  |           |                 | $\dashv$ | 十                  | ヿ         |
|              | 45       |            |                 | I        |                |          | Ι            |  |          |         |               | 95           |                           |               |                                   |               |               |        | 145        |                |         | П  |           |                 |          | $\top$             | ヿ         |
|              | 46       |            |                 | $\Box$   | $\perp \Gamma$ | $\perp$  | $\perp$      | $\Box$   |          |         |               | 96           |                           |               |                                   |               |               |        | 146        |                | I       |  |           |                 |          | $\perp$            |           |
|              | 47       |            |                 | _ _      |                |          | $\perp$      | $\prod$  | 2        |         |               | 97           | $\perp \perp \perp \perp$ |               | $\Box$                            |               | 1             | $\Box$ | 147        |                |         |  |           |                 | $\Box$   |                    |           |
|              | 48       | _          |                 | _        | $\perp$        | $\bot$   | $\perp$      | 1-1  |          | L       |               | 98           | $\bot \bot \bot$          | _             | $\bot \downarrow \downarrow$      | $\perp \perp$ |               |        | 148        |                | 1       |  |           |                 | $\perp$  | $\bot$             | $\rfloor$ |
|              | 49       |            | $\sqcup$        |          | $\perp$        |          | ↓_           | <del>                                     </del> | <u> </u> | L       |               | 99           | $\perp \perp \perp \perp$ | $\dashv$      | $\perp$                           | _ _           |               |        | 149        | $\perp$        | 1       | Ш  | _         | $\Box$          |          | 丄                  | $\dashv$  |
| ليلا         | 50       |            | ليـــا          |          |                |          | 1_           | $\perp \perp$                                    |          | L       | $\perp \perp$ | 100          |                           | $\perp \perp$ |                                   |               |               |        | 150        | L              |         | Ш  |           |                 |          |                    |           |